

ABSTRACT

An absorbent article, preferably a disposable absorbent article such as a diaper, is disclosed that provides an improved immobilization of absorbent polymer material when the article is fully or partially urine loaded. This absorbent core is useful for providing an absorbent article of increased wearing comfort. Specifically disclosed is an absorbent core useful for an absorbent article comprising a substrate layer and absorbent material, the absorbent material comprising an absorbent polymer material, the absorbent material optionally comprising absorbent fibrous material, the absorbent fibrous material not representing more than 20 % of the weight of absorbent polymer material, wherein the absorbent material is immobilized when wet such that the absorbent core achieves a wet immobilization of more than 50%, preferably of more than 60 %, 70 %, 80 % or 90 % according to the Wet Immobilization Test described herein.